

ECOPORF PROJECT Forest Resources Management Plans in Mediterranean forest districts

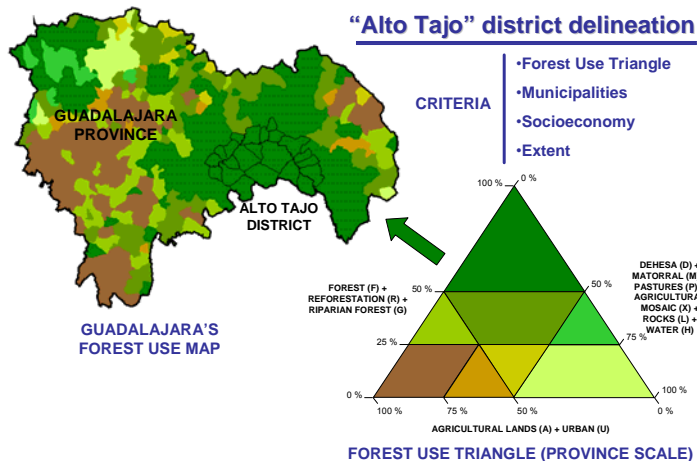


District	Extension	Population density	Main objectives
PINARES	127.956 ha	0,12 inhab./ha	Timber production
ALTO TAJO	104.561 ha	0,017 inhab./ha	Protection

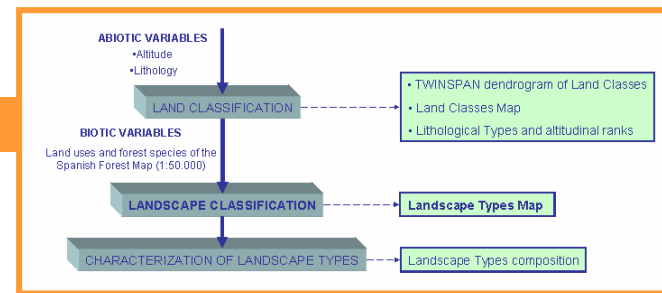
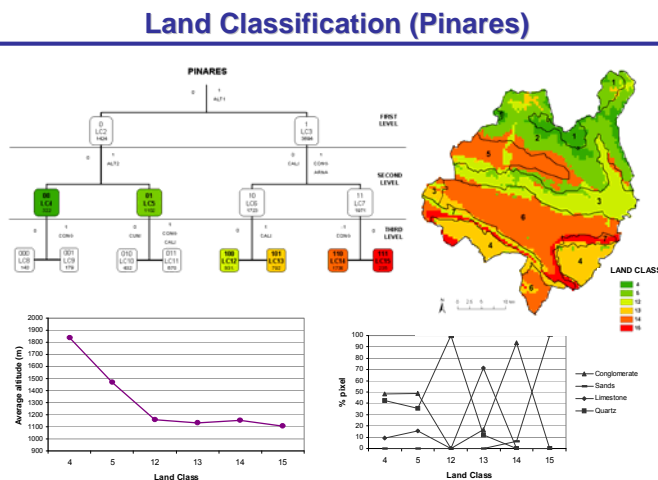
ECOPORF OBJECTIVES

1. To set a forest district delineation criteria.
2. To select the most suitable digital data sources related to abiotic and biotic components.
3. To classify and characterize forest landscapes.
4. To analyze the “optimum” scale for landscape metrics calculation.
5. To propose fuel treatments considering their effects on landscape pattern.
6. To assess past forest management.
7. To define a baseline for biodiversity monitorization related to representative groups of species.

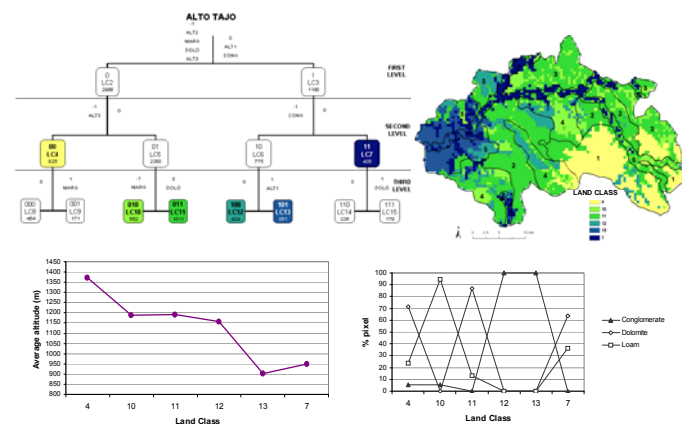
FOREST DISTRICTS DELINEATION



LANDSCAPE CLASSIFICATION



Land Classification (Alto Tajo)

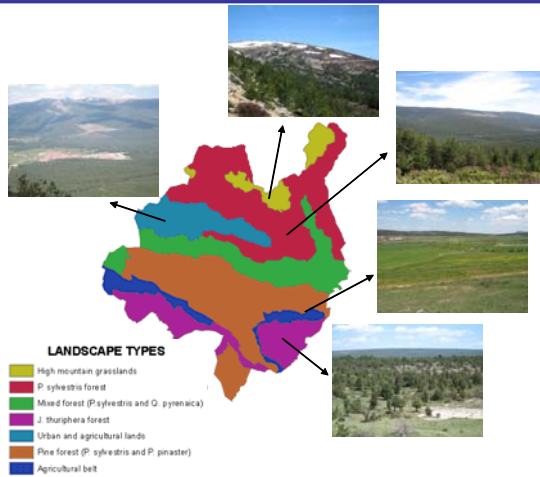


DIGITAL DATA SELECTION

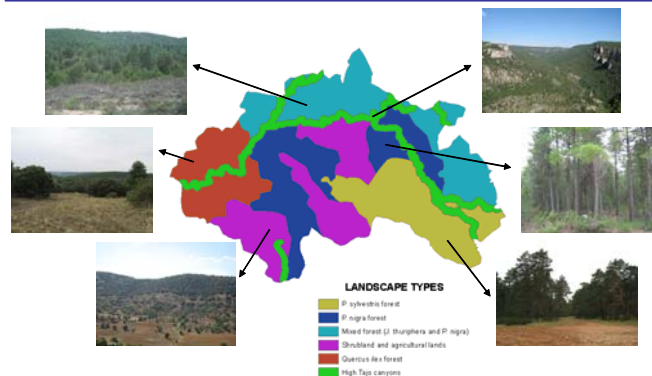
ADMINISTRATIVE	Municipalities map
TOPOGRAPHY	Digital Elevation Model (25 m)
HYDROGRAPHY	Hydrographic network
LITHOLOGY	Lithological map (1:200.000)
FOREST RESOURCES	Spanish Forest Map (1:50.000) Dasocratic divisions map
FAUNA	Vertebrates database
ROAD NETWORK	Roads and tracks map
LAND USES	CORINE Land Cover Aerial photos (several dates)
PROTECTED LAND	Protected natural lands
LANDSCAPE	Spanish Landscapes Atlas



Landscape Typology (Pinars)

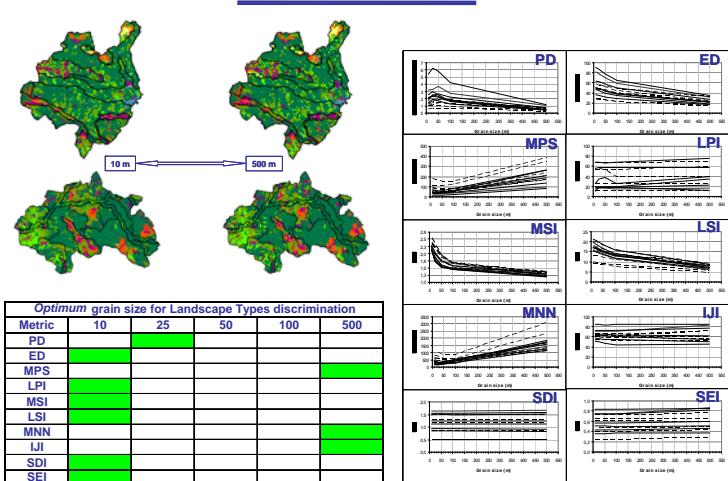


Landscape Typology (Alto Tajo)

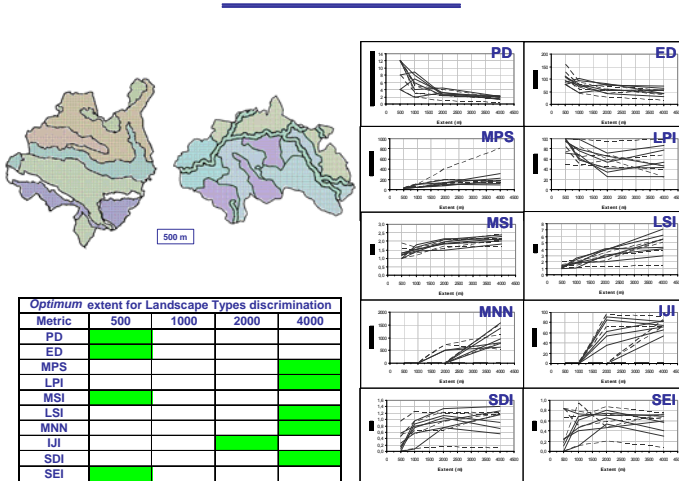


SCALE SENSITIVITY ANALYSIS

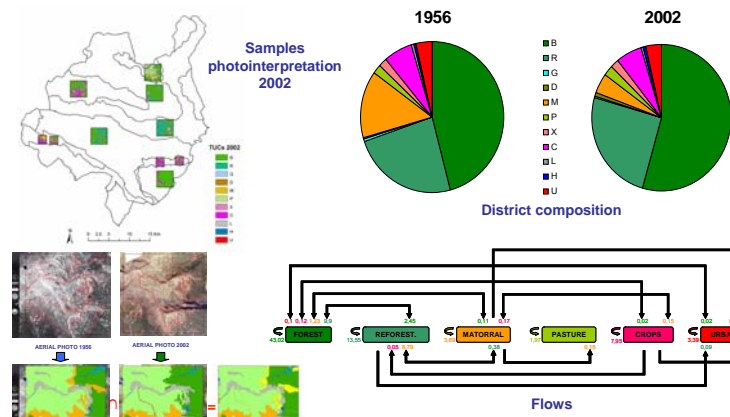
Grain size



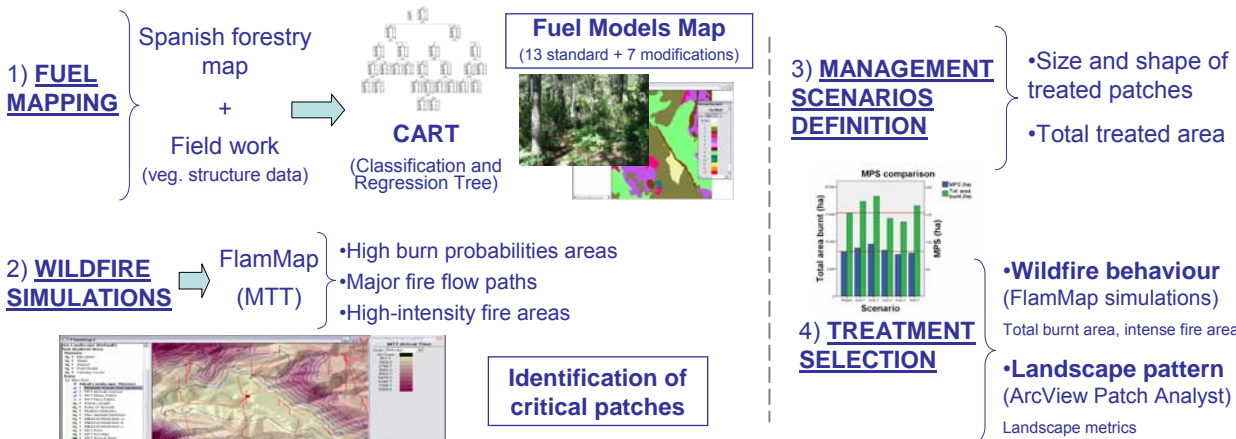
Extent



PAST MANAGEMENT ASSESSMENT



FUEL MANAGEMENT AT THE LANDSCAPE SCALE



BIODIVERSITY MONITORIZATION

